A/T ScanX®

DIGITAL IMAGING SYSTEM

ScanX. An entirely better way of Imaging. Now with In-Line Erase.

AIR TECHNIQUES INC.

With ScanX® you will never see imaging the same way again.

Imaging is a highly visible activity in every dental practice. Radiographs are an indispensable component of successful treatment. Consider the enormous impact imaging has on the quality of your patient care within your own prac tice. Radiographs aid diagnosis, records keeping and insurance submittal. You employ them in planning a treatment regimen and in evaluating its progress.

The issues and compromises of traditional film processing

While Imaging is an essential function and delivers unquestioned benefits, it adds to the workload and increases overhead in your practice. Though an X-ray exposure takes just a fraction of a second, that instant creates much secondary work and a significant paper trail. Films must be processed, usually in the darkroom, put in carriers and displayed. After viewing, they are placed in the patient's file and returned to storage. Duplicates must be made for insurance purposes.

There is still more to do. Processor maintenance. Paper shuffling. Chemistry disposal. You know these activities impose recurring time and financial costs. They can even distract you from your primary focus: providing the best dentistry possible.

Finding a better way

At Air Techniques, we understand the importance of Imaging. You must have diagnostic quality radiographs, plus you want to contain workload and associated costs. Our research revealed that every imaging system currently in use, whether film or digital, fell short in at least one critical area.

We asked the dental community and listened to your answers. You told us you wanted an imaging system that is very easy to use, familiar in operation, rapidly produces images of outstanding resolution and at the same time eliminates messy, lengthy, repetitive tasks. You also said the entire dental team must feel comfortable working with the product.

We listened and your answers became the ScanX Digital Imaging System.

A/T ScanX

Need a range of all sizes, including Intraoral, Panoramic, Cephalometric and TMJ? The classic ScanX accommodates all.

Now every ScanX model has In-Line Erase.

A/T ScanX Intraoral

Are your imaging needs entirely intraoral? The ScanX Intraoral is right for you.

ScanX is optimized imaging

ScanX is a very sophisticated Digital Imaging System that reads the latent X-ray image on a Phosphor Storage Plate (PSP) and sends that image to your computer. ScanX is the best value combination of speed, resolution, ease of use, workload reduction and user peace of mind. Optimized imaging is fit-like-a-glove performance; the kind only available with ScanX.

ScanX brings you truly helpful dental imaging technology:

- Your entire imaging process is remarkably improved.
- Diagnostic quality, detail rich images are available in seconds.
- Film, processor and chemicals are eliminated.
- Operates in normal room lighting; you do not need a darkroom.
- Imaging costs are contained.
- Image filing, transmittal and availability are virtually instantaneous.
- Patient care and education are enhanced.

ScanX delivers optimized imaging by shattering performance benchmarks in three critical categories: image resolution, speed of image acquisition and ease of operation. The progress created by ScanX in any one of these three categories alone is a breakthrough. Combined, they generate a synergistic technology development so powerful we believe most dentists will see ScanX as the preferred imaging solution for their practice. ScanX is available in two models. If your imaging needs range from intraoral to extraoral choose the classic ScanX. If your imaging needs are entirely intraoral choose ScanX Intraoral.

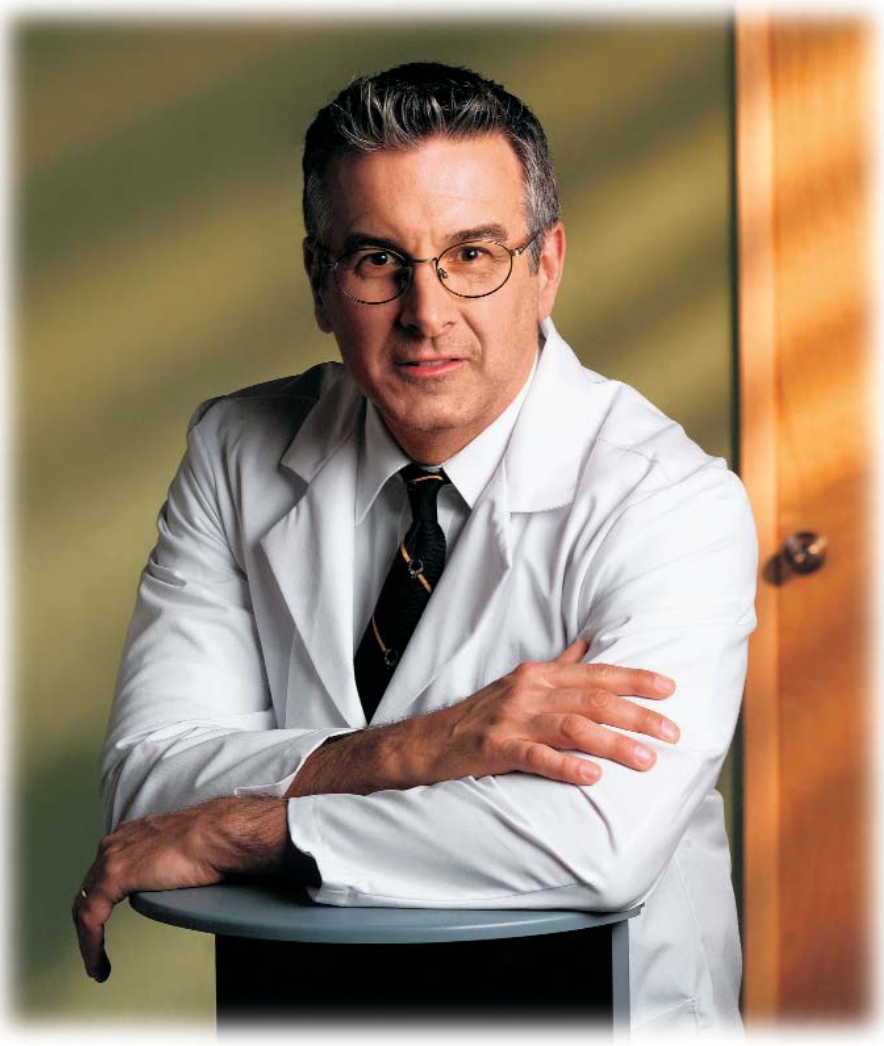
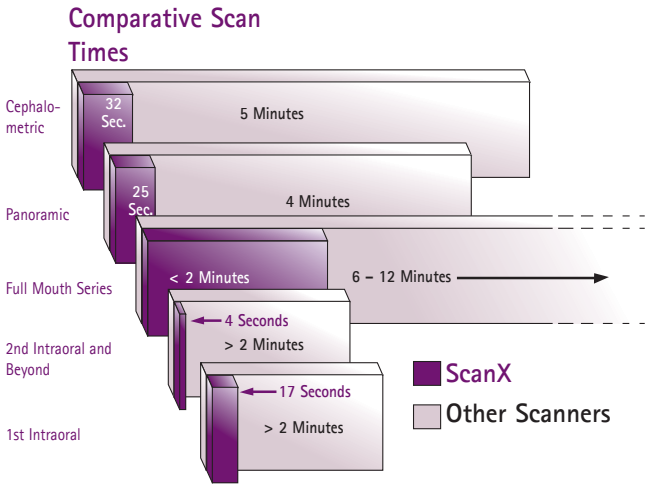


Image resolution

The images produced by ScanX are high resolution and detail-rich. At Standard Resolution, intraoral images display 10 lp/mm (line pairs per millimeter), a new benchmark. Using the High-Resolution setting, intraoral images exhibit 15 lp/mm, performance well beyond that available from competing systems. The Extra-High Resolution setting yields an astonishing 18 lp/mm.

Speed of image acquisition

ScanX is extremely fast because it has a continuous rapid-feed system; there are no drums or carousels to load or change. Only 17 seconds after the first intraoral PSP is fed, that image is available; subsequent images in as little as 4 seconds. A full mouth series can



be viewed in less than 2 minutes. Extraoral image acquisition speed is equally impressive. Panoramic and TMJ images are available in 25 seconds; Cephalometric in 32 seconds. These numbers are truly remarkable. Competing PSP scanners take several minutes to perform the same task; as long as or longer than wet processing.

ScanX will read all PSP's, including sizes 0, 1, 2, 3, 4, Panoramic, Cephalometric and TMJ. Four interchangeable guides enable ScanX to accept multiple PSP sizes in the same scan cycle. ScanX Intraoral will accommodate all sizes of PSP's except Panoramic, Cephalometric and TMJ.

Ease of operation

ScanX is simple to use. Once a PSP is inserted, scanning and erasure is automatic. The entire process is quick and uncomplicated: Expose, Insert, View. Plates are automatically erased inside ScanX. Air Techniques wanted users to feel immediately comfortable with ScanX function. We designed it so your staff would feel a similarity with a traditional processor.

ScanX is designed for you

ScanX will allow you and your entire team to concentrate more on dentistry, your primary focus. You will accomplish more imaging tasks far easier than ever before.

- Pedodontists: The thin size 0 PSP fits comfortably into a child's mouth, unlike thick sensors.
- Orthodontists and Panoramic/Cephalometric X-ray owners can enjoy all the advantages of digital imaging affordably. ScanX PSP's are available in all sizes.
- Is your practice growing? ScanX accommodates your increasing imaging requirements with no loss of efficiency. No need to waste time moving sensors among operatories. ScanX imaging speed and capacity presents you with an extraordinary savings advantage compared to wired sensors.
- All that is required for digital imaging is ScanX, a computer and imaging software. Air Techniques offers Visix Imaging Software, which integrates seamlessly with ScanX, Accent CCD Direct Digital Intraoral Sensor and Acclaim Intraoral Camera. The included VisixLink provides seamless access to other brands of imaging products. Air Techniques has also worked with several imaging software providers to ensure ScanX can be integrated with most programs.

Expose. Use your existing X-ray unit.

Insert. One step scanning and erasure. No carousels, darkrooms or chemicals.

View. Intraoral images in just 17 seconds, Panoramic and TMJ in 25 seconds and Cephalometric in just 32 seconds.

- ScanX will enhance the value of your time. Your imaging routines remain familiar yet the process becomes exceptionally efficient with outstanding results. ScanX represents a tremendous opportunity to give more patients better care while managing your time more efficiently.

The advantages of PSP technology

Imagine an imaging medium as thin as a typical business card, thinner even than a dental film pack. Without wires, it is almost weightless and simple to position. Flexible, comfortable economical. These are reasons why Air Techniques chose Phosphor Storage Plate technology. A PSP is inserted into the mouth like film and to your patients it feels like film. There are no wires hanging from their mouth. Because a PSP is very thin, patients are highly unlikely to experience discomfort. Accurate receptor placement is an important determinant of diagnostic image quality.

A Phosphor Storage Plate has the significant practical advantage of easier placement within the oral cavity. Thinner and smaller than a sensor, the PSP can be more readily positioned perpendicular to the X-Ray beam, eliminating image-distorting elongation or foreshortening. PSP's are very affordable and may be used up to 3,000 times, or more.

PSP technology, outstanding image resolution, speed and ease of operation makes ScanX your best value choice for digital imaging.

Think about the benefits of ScanX Digital Imaging. Ask yourself...

- ✓ Do I want to offer my patients more advanced dental care?
- ✓ Do I choose to lead in my field?
- ✓ Do I want to enjoy more of my day practicing elective dentistry?
- ✓ Do I want to benefit from superior diagnostic image quality?
- ✓ Would I like to eliminate chemicals, darkroom and processor maintenance?
- ✓ Do I require my equipment investments to produce tangible, significant return?

When you say yes, you say ScanX.

The In-Line Erase Advantage

Now ScanX has In-Line Erase. All models will read the PSP and then automatically erase it in one continuous cycle. In-Line Erase saves time and simplifies your imaging process. Counter space is saved because the need for a separate plate eraser is eliminated. These new ScanX models have the same rapid image cycle times and compact dimension as prior models. If desired, you can override the In-Line Erase capability by pressing a button.

Accessories

Intraoral Phosphor Storage Plates

Size 0, PN 73445-0, Qty. 2
Size 1, PN 73445-1, Qty. 2
Size 2, PN 73445-2, Qty. 4
Size 3, PN 73445-3, Qty. 2
Size 4, PN 73445-4, Qty. 1

Extraoral Phosphor Storage Plates

Panoramic Size 5" x 12", PN 73578-5, Qty. 1
Panoramic Size 6" x 12" (15cm x 30cm), PN 73578-6, Qty. 1
Cephalometric Size 8" x 10", PN 73578-8, Qty. 1
TMJ Size 5" x 7", PN 73578-57, Qty. 1

Barrier Envelopes

Size 0, PN 73248-0, Qty. 100
Size 1, PN 73248-1, Qty. 100
Size 2, PN 73248-2, Qty. 300
Size 3, PN 73248-3, Qty. 100
Size 4, PN 73248-4, Qty. 50

Plate Guides

Size 0, PN 73566-0, Qty. 1
Size 1, PN 73566-1, Qty. 1
Size 2, PN 73566-2, Qty. 1
Size 3, PN 73566-3, Qty. 1

Plate Transfer Box

PN 73470, Qty. 1

Specifications

	A/T ScanX	A/T ScanX Intraoral
Dimensions:	24" H x 15" W x 15 1/2" D	15 1/2" H x 15" W x 15" D
Weight:	45 lbs.	43 lbs.
Electrical:	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz
Resolution:	Up to 18 lp/mm (depending on scanning mode/pixel size selected)	Up to 18 lp/mm (depending on scanning mode/pixel size selected)
Ports:	USB	USB
Laser Classification:	Class I Laser Product, Compliance with FDA 21 CFR 1040.10 and IEC 60825-1	Class I Laser Product, Compliance with FDA 21 CFR 1040.10 and IEC 60825-1
Imaging Medium:	Phosphor Storage Plates Intraoral sizes 0, 1, 2, 3, 4; Panoramic sizes 5" x 12" and 6" x 12" (15cm x 30cm); Cephalometric sizes 8" x 10" and TMJ size 5" x 7"	Phosphor Storage Plates Intraoral sizes 0, 1, 2, 3, 4
Accessories include:	Power Supply and Cord Computer Connector Cord (USB) 4 each Size 2 PSP Guides 1 each Size 0, 1, and 3 PSP Guides 20 each Size 2 PSPs 1 Box Barrier Envelopes Size 2 (qty. 300) 1 Plate Transfer Box	Power Supply and Cord Computer Connector Cord (USB) 4 each Size 2 PSP Guides 1 each Size 0, 1, and 3 PSP Guides 20 each Size 2 PSPs 1 Box Barrier Envelopes Size 2 (qty. 300) 1 Plate Transfer Box

Minimum Computer System Requirements / Recommendations (A/T ScanX and A/T ScanX Intraoral)

CPU Speed:	2.8 GHz Pentium IV
Operating System:	Windows 2000 Professional with Service Pack 4 or later, or Windows XP Professional with Service Pack 1 and the KB B22603 update or later.
RAM:	1 GB
Hard Drive:	200 MB available disk space required
CD ROM Drive:	Required
Monitor:	SVGA 17" 1024 x 768 or higher resolution, contrast ratio 450:1, .22 dot pitch capability. For optimum viewing a CRT is recommended.
Video Display Adapter:	32 MB RAM
Keyboard/Mouse:	Standard
Backup Device:	Recommended for daily saving
External Surge Protector:	Recommended
Printer:	Optional
USB Port:	Must be 1.1, 2.0 or later

ScanX models are warranted to be free from defects for a period of 24 months.

ISO 9001
ISO 13485
FDA-GMP COMPLIANT

A/T ScanX Intraoral

A/T ScanX

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